

**RV MARIA S. MERIAN**  
**MSM78**  
**Weekly Report No. 2**

22.10.2018 – 25.10.2018

The expected bad weather conditions reached us in the evening of the 21<sup>st</sup> of October and we were not able to operate the RockDrill2 afterwards. The wind reached force 7 to 9 for a period of more than 50 hours and we could only collect hydroacoustic profiles following the main wave direction during this period. In the morning of the 24<sup>th</sup>, the wind calmed down and we were able to collect seven gravity cores, whereas five were taken within the Scanner Pockmark and two at the reference site. Afterwards, we collected one additional hydroacoustic profile and began our way back to Edinburgh. We arrived Edinburgh around 4 p.m. on the 25<sup>th</sup>.

Keeping in mind the short duration of the research cruise and the even shorter weather window, we are very satisfied with the amount of sediment core material and hydroacoustic data collected during this expedition. We would like to thank the captain, the bridge, the decks crew and the kitchen for their hospitality and support

In the name of the scientific team,  
Jens Karstens